

## PROCEEDINGS OF THE SEVENTY-THIRD ANNUAL MEETING

JOHN L. ZIMMERMAN, SECRETARY

The Seventy-third Annual Meeting of the Wilson Ornithological Society was held Thursday, 9 April through Sunday, 12 April 1992 at the Hilton Inn Gateway, Kissimmee, Florida in joint session with the Florida Ornithological Society. The local committee chaired by Dr. Herbert W. Kale II was composed of Brad Andrews, George Becker, Betty Biggs, Reed Bowman, Greg Bretz, Mike Bunn, Bertha Carnahan, Jim Carnahan, Ruth Clark, Buck Cooper, Linda Cooper, Helen Eastman, Jerry Fishman, John Fitzpatrick, Quetta Fouke, Roberta Geanangel, Valerie Gohlke, Ellen Greer, Wendy Hale, Mae Hartsaw, August Hoeger, Stephanie Johnson, David Johnson, Bobbie Kittleson, Peggy Lantz, Rita Levreault, Fred Lohrer, Martha Marshall, Jean Michlewski, Rebecca Payne, Diane Pierce, Lynn Pigg, Helen Ribbe, Parks Small, Susan Smith, Walter Taylor, Trude Valente, Neta Villalobos-Bell, Jan Woolfenden, Glen Woolfenden, Alma Wooley, and Rueven Yosef. The meeting was hosted by the Archbold Biological Station, Florida Audubon Society, Kissimmee Valley Audubon Society, Lake Region Audubon Society, Orange Audubon Society, and Sea World of Orlando.

The Council met from 13:10 to 19:30 EST on Thursday and from 10:45 to 12:00 EST on Saturday. Registration for the 201 guests and members began at 12:00 Thursday in the Orchid Room in The Hilton Inn Gateway, and an informal reception was held that evening. The opening session on Friday convened in the Gardenia Room of The Hilton Inn Gateway at 08:35 where the societies were welcomed by Herb Kale, representing the Florida Audubon Society. President Richard Banks responded for the Wilson Ornithological Society, and Glen Woolfenden responded for the Florida Ornithological Society.

The scientific papers sessions, which included contributed papers and a symposium on Fire as an Ecological Force organized by John Fitzpatrick, were held in the Gardenia and Azalea rooms. Poster papers were presented in the Orchid Room. On Friday evening, Sea World of Orlando hosted a most enjoyable reception at their Penguin Encounter facility, where members and guests encountered not only sub-Antarctic penguins but also alcid, shags, ornithologists, and substantial refreshments. Field trips to local areas were conducted both Friday and Saturday mornings; a half-day's trip, designated Birding the Phosphate Mines, occurred Saturday morning, and Sunday trips rewarded participants with Florida specialties or a visit to the Archbold Biological Station.

The annual banquet was held in the Gardenia Room of the Hilton Inn Gateway, preceded by a social hour on the covered patio where rain showers could not dampen our spirits. After the banquet, the following awards were presented:

**EDWARDS PRIZE** (for the best major article in volume 103 of *The Wilson Bulletin*) to

Norman P. Hill and John M. Hagan III, "Population trends of some northeastern North American landbirds: a half-century of data." *Wilson Bull.* 103(2):165-182.

**LOUIS AGASSIZ FUERTES AWARD**

R. Bruce MacWhirter, "Parent-offspring interactions and the allocation of food in the Northern Harrier."

## MARGARET MORSE NICE AWARD

Sharon Lee Milder, "Food and foraging behavior of Christmas Island Warbler (*Acrocephalus aequinoctialis*)."

## PAUL A. STEWART AWARDS

Sandra Bos Mikich, "Social behavior and home range of aracarís at a small isolated reserve in north Brazil (Piciformes: Ramphastidae)."

Lourdes Mugica-Valdes, "Feeding ecology of Fulvous Whistling-Ducks."

Jeffrey David Parrish, "Habitat selection by neotropical migratory passerines during the migratory period in New England."

Howard J. Weinberg, "Wood Thrush (*Hylocichla mustelina*) breeding success in small forest fragments: the influence of area and urbanization."

Mark S. Woodrey, "Age-dependent foraging behavior of intercontinental bird migrants during stopover along the northern coast of the Gulf of Mexico."

Bethany L. Woodworth, "Dynamics of brood parasitism in a dry subtropical forest in Puerto Rico."

## ROGER TORY PETERSON INSTITUTE TRAVEL AWARDS

Clint K. Miller, "Savannah Sparrow (*Passerculus sandwichensis*) responses to biennial changes in prey abundance, Delta Junction, Alaska."

D. S. Evered, "Climate and the Kirtland's Warbler, *Dendroica kirtlandii*."

## ALEXANDER WILSON PRIZE (for best student paper)

Reed Bowman, "Influence of hatching asynchrony on reproductive patterns in the White-crowned Pigeon."

Selection committee for the Edwards Prize—Keith Bildstein, William Post, James Johnston, Peter Frederick, and Charles Blem, chair; for the Fuertes, Nice, and Stewart Awards—Richard Stiehl, Gary Nuechterlein, and Judy W. McIntyre, chair; for the Wilson Prize—Viki McDonald, Judy McIntyre, Craig Rudolph, and Dick Conner; for the Peterson Travel Award—Dick Conner, Paul A. Benke, and Lynn Moseley.

## FIRST BUSINESS MEETING

The first business meeting was called to order by President Banks at 08:35 on Friday 10 May in the Gardenia Room. Secretary Zimmerman summarized the highlights of Thursday's Council meeting. Next year the Society will meet with the Society of Canadian Ornithologists at the Univ. of Guelph, Guelph, Ontario from 29 April to 1 May. In 1994 the meeting will be at the Univ. of Montana, Missoula, Montana from 22 to 26 June in joint session with the Cooper Ornithological Society and The American Ornithologists' Union. The present membership is 2177 and reflects a slight increase over the last year. Charles Blem has been reelected as editor. The Publications Committee under the chair of Clait Braun presented a report that led to the decision that the designation of major papers in *The Bulletin* will be at the discretion of the editor and be based on content rather than the length of the study. All major papers, whether long or short, will be preceded by an abstract. Short Communications will not include an abstract. President Banks had appointed a new committee, the Undergraduate Outreach Committee chaired by Ernest Willoughby, which is charged with facilitating interest in ornithology among undergraduates by means of various mechanisms—

research support, faculty support, scholarships to attend summer field stations, and similar strategies. You are encouraged to communicate your ideas to the committee. Lastly, Zimmerman asked the membership to stand in honor of members who had died since the last annual meeting—Norman W. Bowers (Caledonia, NS), Mrs. William P. Cottrille (Jackson, MI), Ralph W. Dexter (Kent, OH), George A. Dorsey (Palmetto, GA), Gordon W. Gullion (Cloquet, MN), Mrs. John S. McCormick (Medford, OR), Russell T. Norris (Rockport, ME), Brian Obst (Los Angeles, CA), Elliot F. Porter (Albuquerque, NM), Dennis G. Raveling (Davis, CA), Edgar M. Reilly (Old Chatham, NY), Thane S. Robinson (Louisville, KY), Helmut Sick (Rio de Janeiro, Brazil), James O. Stevenson (Washington, DC), William Tallman, Jr. (Sewickley, PA), and William C. Vaughn (Niagara Falls, NY).

John Zimmerman presented the report of the nominating committee in the absence of Mary Clench, chair of the committee (additional members are William E. Davis, Jr., Fred E. Lohrer); Richard C. Banks, president; Richard N. Conner, first vice-president; Keith L. Bildstein, second vice-president; Doris J. Watt, treasurer; John L. Zimmerman, secretary; Laurie J. Goodrich, Janet G. Hinshaw, and John C. Kricher, two of whom will serve for a three-year term, 1992–1995, as councilors.

Doris Watt gave the treasurer's report.

#### REPORT OF THE TREASURER 1 JANUARY 1991 TO 31 DECEMBER 1991

##### GENERAL FUNDS

<i>Balance Forward</i> .....		\$ 94,843.46
<i>Receipts</i>		
Regular and sustaining memberships .....	\$ 20,549.00	
Student memberships .....	1,835.00	
Family memberships .....	<u>600.00</u>	
Total dues .....		\$ 22,984.00
Subscriptions for 1991 .....	\$ 23,099.50	
Back issues .....	253.50	
Contributions from authors for page charges .....	<u>22,420.00</u>	
Total income from the Bulletin .....		\$ 45,773.00
Contributions to The Van Tyne Library .....	\$ 1,240.77	
Contributions to the Student Membership Endowment ...	30.00	
Contributions to the Wilson Award Endowment .....	105.00	
Contributions to General Endowment (Life Members, Patrons)	1,395.00	
Contributions to the Research Fund .....	161.00	
Contributions to the General Endowment .....	705.00	
Unrestricted contributions .....	<u>154.00</u>	
Total contributions .....		\$ 3,790.77
Royalties .....		1,070.67
Interest from endowments .....		19,813.17
Dividends from Dreyfus account .....		4,447.31
List rental .....		1,458.06
Miscellaneous .....		<u>419.34</u>
TOTAL RECEIPTS .....		\$ 99,756.32

*Disbursements*

## Bulletin Publication

December 1990 .....	\$ 20,324.01	
March 1991 .....	14,686.96	
June 1991 .....	15,876.24	
September 1991 .....	17,531.02	
Editor's expenses .....	<u>5,450.00</u>	
Total publication costs .....		\$ 73,868.23
OSNA expenses .....	\$ 16,522.00	
President's expenses .....	182.70	
Secretary's expenses .....	44.96	
Treasurer's expenses .....	226.34	
Treasurer's bond .....	100.00	
Bank charges (Canadian conversion, returned check) .....	20.27	
Editor's travel expenses .....	504.50	
Incorporation fee .....	8.00	
Student membership mailing list .....	169.80	
Application for PS Form 3510 to change address .....	90.00	
Printing and mailing of back issues .....	59.87	
Advertisement (Allen Press) .....	775.00	
Florida meeting advance funds .....	1,000.00	
Van Tyne Library .....	500.00	
AAZN dues .....	<u>200.00</u>	
Total operating expenses .....		\$ 20,403.44
Organizational awards .....	\$ 3,500.00	
Conservation reprints .....	1,378.75	
ICBP contributions .....	<u>900.00</u>	
Total philanthropies .....		\$ 5,778.75
TOTAL DISBURSEMENTS .....		\$100,050.42
Ending Balance .....		\$ 94,549.36

*CASH ACCOUNTS*

First Source Bank checking account 31 December 1991 ...	\$ 16,853.95	
Dreyfus liquid assets 31 December 1991 .....	<u>77,695.41</u>	
Total cash on hand .....		\$ 94,549.36

*DESIGNATED ACCOUNTS* (Total Principals \$87,545.63)

## Fuentes &amp; Nice Awards (Endowment Principal \$10,000.00)

1991 Earnings* .....	\$ 772.50	
1990 Balance .....	500.00	
Award funds available .....	1,272.50	
Funds disbursed for awards .....	700.00	
1991 Cash balance .....	<u>572.50</u>	

## Wilson Award (Endowment Principal \$2,678.41)

1991 Earnings .....	\$ 206.91	
1989 Balance .....	(11.61)	
Funds available .....	<u>195.30</u>	

Funds disbursed for awards .....	100.00
1991 Cash balance .....	95.30

Stewart Award (Endowment Principal \$22,649.90)

1991 Earnings* .....	\$ 1,749.70
Funds disbursed for awards .....	800.00
1991 Balance .....	949.70

Edwards Prize (Endowment Principal \$2,217.32)

1991 Earnings* .....	\$ 171.29
Funds disbursed for awards .....	400.00

Sutton Color Plate Fund (Endowment Principal \$50,000.00)

1991 Earnings* .....	\$ 3,862.50
Funds disbursed for color plates 1991 .....	3,268.00
Sutton Art Award .....	500.00
1991 Cash balance .....	94.50

\* Based on 7.725% interest earned on \$250,700.00 invested at the Mellon Bank.

GENERAL ENDOWMENT FUNDS

Balance of endowment principal 31 December 1990 .....	\$162,715.08
Balance of endowment principal 31 December 1991 .....	\$163,289.08

TOTAL ENDOWMENT FUNDS

1989 Principal .....	\$250,585.00
Market value .....	\$386,992.00
1990 Principal .....	\$250,720.00
Market value .....	\$372,063.00
1991 Principal (31 Dec 91) .....	\$250,835.00
Market value (31 Dec 91) .....	\$423,698.00

### EDITOR'S REPORT—1991

In 1991, 170 manuscripts (68 major papers, 102 short communications) were received by *The Wilson Bulletin* editorial office. This is 24 more than in 1990. Of these, 51% were accepted, 40% were rejected, and 9% remain under review. Our acceptance rate over the past several years has been 58% for major papers and 44% for short communications. The time between receipt of manuscript from the author(s) and our return of the manuscript with referee comments nearly always has been less than three months. No manuscript required more than four months for a decision. There is not a great backlog of manuscripts, so accepted revisions almost always have been published in the next scheduled issue. Note, however, that there is an intrinsic four month delay in the process. For example, completed manuscript materials for the June issue must be submitted to Allen Press by approximately 15 February. The average time between receipt of a manuscript and its appearance in *The Wilson Bulletin* in 1991 was almost always less than a year. A few papers required longer because authors were slow in returning revisions.

Volume 103 was significant in several ways including, but not limited to, the appearance of a fold-out frontispiece, special book reviews, a frontispiece article in honor of Robert Mengel, and citation of our authors by several national publications, not the least of which was *The Wall Street Journal*. This volume was the fourth largest, in terms of total pages,

and appears to have been of appropriate size with regard to publication costs and available manuscript materials.

The editorial board—Kathy G. Beal, R. N. Conner, C. H. Stinson, and J. R. Walters—should be commended for their service to The Wilson Ornithological Society. They continue to give good advice and effective reviews. George A. Hall continues to oversee the production of book reviews in a timely, efficient manner. Assistant Editors Leann Blem, Albert E. Conway, and Anne Wenner are the major guardians of the style, format, and accuracy of the journal. I thank them for their efforts. Kathy G. Beal deserves special praise for continuing to assemble the index for *The Wilson Bulletin*. This is a tedious task and the entire society benefits from her careful work. Leann Blem and Robert Blem provide the manual labor that keeps the editorial office running and they watch over my shoulder to catch many of my errors. I thank the Wilson Society for continuing to have confidence in my editorship. As always, the editorial office is open to suggestions as to how to improve the service we provide the readers and authors.

C. R. Blem, *Editor*

The meeting was temporarily adjourned at 09:05 until the second session.

#### SECOND BUSINESS MEETING

President Banks opened the second business meeting at 13:32, Saturday, 11 April in the Gardenia Room.

President Banks recalled the report of the nominating committee to the floor of the assembly. Additional nominations from the floor were requested for the offices of president, first vice-president, second vice-president, treasurer, and secretary; but none were offered. George Hall moved and Tom Bancroft seconded that the nominations be closed. Clait Braun moved and Herb Kale seconded that a unanimous ballot be cast for this set of officers. The motion passed, and a unanimous ballot was duly recorded by the secretary. Ballots were passed out for the election of the two councilors, and after being properly counted it was subsequently announced that Janet G. Hinshaw and John C. Kricher had been elected.

#### REPORT OF THE RESOLUTIONS COMMITTEE

Peter Frederick presented the report of the resolutions committee.

Resolution on the Everglades Bioregion

WHEREAS, the Kissimmee-Okeechobee-Everglades basin contains one of the largest wetland ecosystems in eastern North America;

WHEREAS, the health and restoration of this system remains a national and international concern;

WHEREAS, because of drainage and degradation of these wetlands the number of water birds using the system has decreased over 90%;

WHEREAS, many plants, animals, and birds in this system have become rare, threatened, or endangered;

WHEREAS, the recovery of rare, threatened, and endangered species will require the restoration of these wetlands;

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society (1) recommends that the Army Corps of Engineers and South Florida Water Management District proceed with the Level II backfilling plan for the restoration of the floodplain marshes of the Kissimmee River, (2) that water quality be restored to Lake Okeechobee and the Everglades to a level acceptable to the Outstanding Natural Resources Water designation found in

40CFR part 131.12, (3) that the natural timing, volume, and variation in water flow be restored to the Everglades marshes, and (4) that restoration ensure that a mosaic of natural vegetation with natural biodiversity be maintained.

The motion to accept this resolution was made by Clait Braun, seconded by Tom Imhof, and passed by the Society.

#### Resolution on Wetlands

WHEREAS, the United States has already lost more than half of its wetlands through drainage, destruction, and alteration;

WHEREAS, wetlands serve many important functions including flood protection, aquifer recharge, and pollution control;

WHEREAS, wetlands provide habitats for large populations of wildlife and fish species;

WHEREAS, wetlands provide important recreational and educational opportunities for people;

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society recommends that (1) state and federal governments do all they can to protect and restore wetlands by increasing their rate of acquisition, protection, and restoration, (2) the Edwards bill, H.R. 4255, be adopted by Congress and that it continue to contain the following provisions: a) the Bush administration's currently proposed Wetlands Delineation Manual not be adopted, and that a study be commissioned to put wetland delineation on sound and credible scientific footing, b) that the Clean Water Act be further strengthened by expanding the range of wetland-destroying activities regulated by Section 404, by giving the EPA greater oversight and a more inclusive monitoring role in the general permit program as well as giving the Fish and Wildlife Service and the National Marine Fisheries Service more meaningful roles in commenting on Army Corps of Engineers permits.

It was moved by Mark Woodrey and seconded by Charles Smith to accept this resolution, and the motion passed.

#### Resolution on Florida's Preservation 2000

WHEREAS, Florida's natural environment contains a rich diversity of natural communities;

WHEREAS, Florida has one of the fastest growing human populations of any state in the nation;

WHEREAS, loss of natural areas in the state is progressing at an alarming rate;

WHEREAS, Florida can protect environmentally sensitive land through the implementation of the Preservation 2000 program;

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society commends the Florida legislature for undertaking such a program and recommends that the Florida state legislature find a funding mechanism for the Preservation 2000 program that will provide money through the duration of the program.

It was moved by Richard Paul and seconded by Dick Conner to accept this resolution, and it passed.

#### Resolution on Endangered Species Reauthorization

WHEREAS, the Endangered Species Act will come up for reauthorization by Congress during 1992 or 1993;

WHEREAS, numerous species of plants and animals are threatened and endangered in the United States;

WHEREAS, recovery plans have not been developed for most of these species, or implemented for the majority of others;

WHEREAS, additional species are becoming endangered as destruction of habitat continues in the United States,

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society recommends that the Endangered Species Act be reauthorized and strengthened through the adoption of the provisions in the Studds bill, H.R. 4045. Specifically, we recommend that (1) deadlines for the development and implementation of recovery plans be set, (2) priority be given to the development of integrated multispecies recovery plans for maintaining and restoring entire ecosystems or ecological communities, (3) multispecies recovery plans be developed that include candidate species as well as listed species, (4) citizens be authorized to file suit immediately in emergencies posing a significant risk to the well-being of an endangered species, (5) appropriate federal agencies be authorized to issue regulations to enforce and carry out the regulations and agreements in the Convention on International Trade in Endangered Species (CITES), (6) appropriations be increased for the Department of the Interior, the Department of Commerce, and the Department of Agriculture so that the Act can be implemented, and (7) a Habitat Conservation Planning Fund be established and funded.

It was moved by Charles Smith and seconded by Dick Conner to accept this resolution, and the motion passed.

#### Resolution to the Local Committee

WHEREAS, the 1992 meeting of the Wilson Ornithological Society, held jointly with a meeting of the Florida Ornithological Society, has been organized and executed in an extremely efficient manner;

WHEREAS, the receptions, field trips, and other activities of the 1992 meeting have provided a very unique and enjoyable experience for the attendees;

WHEREAS, the scientific program of the 1992 Wilson Ornithological Society has been extremely efficiently organized and executed, the papers of the scientific program have contributed significant new insights to the field of ornithology;

WHEREAS, the attendees of the meeting recognize that such results can have come only from a tremendous amount of time, hard work, and worry for the organizers, and recognize that these sacrifices of a few have led to the enjoyment and advancement of the entire society;

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society (1) thanks the Florida Ornithological Society for inviting us to join them in Florida, (2) thanks Joe Jehl for arranging a truly unique and memorable reception at Sea World, (3) thanks all of the host organizations for allotting their resources for our benefit, (4) congratulates Keith Bildstein for his success in organizing and implementing the excellent scientific program, and (5) especially, congratulates Herbert Kale and the local committee on a job very well done, and thanks each one of the members of the local committee for their time, effort, and attention to detail which have made the meeting a great success.

President Banks called for a motion to accept this resolution and was met with a standing ovation, and proclaimed it passed by acclamation.

It was moved by George Hall to adjourn the meeting. It was seconded by Tom Bancroft. And the meeting was adjourned.

The reports of the standing committees are as follows.

#### REPORT OF JOSSELYN VAN TYNE MEMORIAL LIBRARY COMMITTEE—1991

It can't be, yet it is, the end of another calendar year of our Library's activity. The mere listing of names and figures is quite inadequate, as usual, to indicate all the business that has been transacted and services rendered, and much less the day-to-day work, including recordkeeping and correspondence, that is entailed, or the dedication and generosity of the many here and elsewhere who have participated.

Janet Hinshaw of the University of Michigan Museum of Zoology Bird Division, still basically in charge of operations, routine and otherwise, continues her long and meritorious service. She, in turn, wished to acknowledge the splendid assistance given in the past year by Susan Morseau, secretary in the Bird Division, and Stephanie Buus and Katie Beltaire, student assistants.

It certainly appears that satisfactory progress is being made in various directions. Among the statistics that follow, most compare favorably with those of previous years, and in certain instances large increases are evident.

Direct contributions by 23 members and from other sources have added 3334 items to our collections: 35 books, 68 monographs and reports, 167 reprints, 3065 journal issues (most of these from Harrell Books), and monetary donations to our New Book Fund. Contributors include J. L. Atwood, A. J. Berger, R. C. Banks, R. Bayer, G. W. Hall (WOS review copies), K. W. Haller, Harrell Books, J. Hinshaw, R. Hoffman, V. W. Inman, W. D. Middleton, T. Milney, M. K. McNicholl, Oklahoma Ornithological Society Library, R. B. Payne, A. R. Phillips, Point Reyes Bird Observatory, W. Post, S. Violani, H. Wing, D. S. Wood (Carnegie Museum), and J. L. Zimmerman.

From the New Book Fund, \$292.20 was spent for the purchase of four books and nine monographs. The fund was augmented by receipts of \$1551.76 through the sale of 202 duplicate books. Such sale is often limited by the inconvenience of adequate promotion at otherwise appropriate times and places.

In all, 216 journal titles were received, including 171 by exchange with 129 institutions and individuals, 32 as gifts from 26 such sources, and 13 through direct subscription with 11 institutions. These figures tend to fluctuate a bit from year to year as particular situations change. In 1991, \$233.40 was spent for direct subscription costs.

The exchanges we make with other institutions, we perceive not only as a means to increase our own holdings, but also as a valuable way to extend the circulation of the "Bulletin" into all parts of the world, with many obvious advantages to all concerned.

And further evidence of the ultimate value of any and all donated materials, several hundred duplicate journal issues were this year donated to museums and libraries in various countries, including Mexico, Brazil, the Philippines, and Uganda.

In 1991, 142 loan items and 254 photocopies of articles were supplied to 40 members and libraries in 72 transactions. Always, there is a steady flow of ornithologists and other scientists, students, and laymen (members and nonmembers) who put our fine collection or literature to on-the-spot use here in Ann Arbor.

Members are always encouraged, whenever possible, to make fuller use of our growing WOS library facilities; as the occasion permits, they can reciprocate with contributions of their own. It becomes more and more clear that we in the Library and in the Society are all part of a worldwide continuum, fostering the dissemination of ornithological knowledge.

William A. Lunk, *Chair*

#### REPORT OF THE CONSERVATION COMMITTEE

The Conservation Committee was asked to prepare a list of conservation policy issues for which the Wilson Ornithological Society as a scientific organization should develop a position. Although there is no shortage of worthy and critical concerns upon which the Society might have some impact, the committee attempted to provide a list of policy issues that affect many species (avian or otherwise) rather than focus on species-specific problems. The committee also considered policy matters that may affect future ornithological research programs.

Because these policy issues were intended to be suggestions for more thorough study by future Conservation Committees or other appointed groups, this committee did not elaborate greatly on any single topic. Instead, an attempt was made to provide a concise statement of each problem and to suggest potential action that the Wilson Ornithological Society might take in further defining the critical issues or developing a policy.

The Committee was aware that the Executive Council will decide which, if any, of these topics to pursue in greater detail, but felt that it was within its charge to emphasize certain issues deemed to be the most important. Accordingly, the first three issues presented below were deemed of critical importance by the Conservation Committee. We urge the Executive Council of the WOS to take immediate action on these issues and to join national coalitions in support of these efforts.

The remainder of the issues suggested by the Conservation Committee are no less important but do not require immediate action. Any or all of these issues could become the focus of an in-depth report by a future committee. These issues are listed randomly; no significance should be placed upon their position in the list.

#### Issues of Immediate Importance

**Reauthorization of the Endangered Species Act.** The Society should strongly support the reauthorization of the Endangered Species Act. The Society might play a vital role in deflecting efforts to weaken the valuable provisions of the Act by finding ways to suggest broader participation in recovery planning and habitat conservation plans.

**National Wetlands Legislation.** The Society should resist efforts to weaken existing wetlands legislation. The Society should use the report of the past Conservation Committee as a building block to suggest wetland definitions that will protect ecologically important habitats but reduce the problems caused by overzealous regulators with little ecological training or common sense. The Executive Council should examine the stance taken by The Wildlife Society on this issue and make similar efforts.

**Funding of the Nongame Wildlife Act.** Congress passed this Act in 1978 but has never supported it with appropriations. The Society should review this legislation and suggest research and funding priorities. The Society should undertake a lobbying effort to obtain funding for this legislation.

#### Other Issues of Importance

**Biodiversity Protection in both Tropical and Temperate Zones.** The Society should examine land management practices in tropical and temperate environments. This effort should be directed towards protecting essential habitats by developing a treaty with all the destination countries of migratory birds in this hemisphere.

**Support for Contamination Studies.** Current levels of support for contaminants research has slipped below funding levels of the past decade. The Society should appoint a committee to review research and development needs in this field of research. The committee might also examine the current research efforts in biological pest control.

**Education Programs.** Project Wild has been an exceptionally successful program in introducing school-age children to nature. Since a higher percentage of our population is becoming urban-centered, the Society should examine methods of educating children about birds and nature. A committee might be appointed to review existing educational schemes and suggest ways in which ornithologists and birders might assist.

**Illicit Pet Trade; Smuggled Birds.** The Society should develop a strong policy statement about the illicit pet trade. A committee should examine the scope of the problem and suggest ways that the avian pet industry could be regulated to reduce the import of illegally obtained birds.

**Protection for the Arctic National Wildlife Refuge.** Although drilling in the ANWR has

been recently removed from the Senate version of the national energy bill, the Society should make a statement about the value of this refuge to wildlife.

**Support for General Collecting Permits.** A number of state wildlife agencies have adopted policies that have effectively eliminated "opportunistic" collecting by ceasing to issue general collecting permits. Although collecting permits for specific research projects may still be issued by these states, the state agencies have acted to disallow documentation of occurrences by specimen collections. The Society should take a stand on this issue because of the potential impact on future research and museum efforts. Perhaps a committee could review the role of scientific collecting in the modern context and suggest guidelines that state wildlife agencies could use to establish policies for collecting permits.

**Support for Museum Collections.** The Society should consider developing a policy statement that emphasizes the importance of governmental support for the curation and expansion of specimen collections.

**Brown-headed Cowbird Control.** Although there are many factors contributing to the decline in eastern populations of migratory birds, the effect Brown-headed Cowbirds can have on small populations has been demonstrated in such endangered species as the Kirtland's Warbler and Black-capped Vireo. It has been implicated as a major factor in the declines of other species as well. The Society should review the literature on cowbird control, and develop a policy regarding its use.

Brian R. Chapman, *Chair*

#### REPORT OF THE MEMBERSHIP COMMITTEE

As the membership committee chair, I receive a few inquiries each month; about half of these are from persons interested in joining. To each I send our membership brochure and a personal letter welcoming them to the Society. I also receive inquiries regarding institutional subscriptions, and answer those letters accordingly. Not infrequently I am contacted by a member who is not receiving copies of the *The Wilson Bulletin*. These matters are brought to the attention of OSNA Director, Fred Lohrer, and I follow that up by corresponding with the (temporarily, I hope) unhappy member.

Herb Kale kindly arranged delivery of the WOS membership poster to me at the RRF meeting in Tulsa last November, where it was displayed. Unfortunately, after a couple of days only about 10 brochures were picked up.

The WOS passively participated in AFO's campaign to garner more institutional subscriptions for the four OSNA journals; each society paid a fourth of the cost of the mass mailing. Greg Butcher, AFO membership chair, should be applauded for his efforts.

In regard to our own mass mailing directed at OSNA members who are not also members of the WOS, I decided it would be desirable to address personally each recipient of the letter of invitation to join. To that end, the names, addresses, and salutations for 2467 potential U.S. and Canadian members were typed into a file to be used for merging the letters. We plan to begin producing the letters in the near future, and I will seek advice from Fred Lohrer and/or Greg Butcher on how best to accomplish the mailing.

It was suggested to me that Allen Press could include a WOS membership form with its shipments of *Wilson Bulletin* reprints. I will discuss the feasibility, cost, and expected returns with Fred.

John A. Smallwood, *Chair*

The Committee on Scientific Program composed of Keith Bildstein, chair, Richard N. Conner, and John W. Fitzpatrick presented the following paper session, facilitated by session

moderators Keith Bildstein, Margaret C. Brittingham, Robert L. Curry, John W. Fitzpatrick, Peter C. Frederick, Danny J. Ingold, Dan Klem, M. Victoria McDonald, J. D. Rising, and Rebecca B. Smith.

#### PAPERS SESSIONS

Eduardo E. Iñigo-Elias, Dept. Wildl. & Range Sci., Univ. Florida, Gainesville, FL. "Ecology, biology, and conservation of the Scarlet Macaw (*Ara macao*) in the Selva Lacandona region of Chiapas, Mexico."

R. Terry Chesser, Mus. Nat. History, Louisiana St. Univ., Baton Rouge, LA. "An overview of austral migration in South America."

Mark S. Woodrey, Dept. Biol. Sci., Univ. S. Mississippi, Hattiesburg, MS. "Stopover biology of autumnal landbird migrants along the northern coast of the Gulf of Mexico."

Reuven Yosef, Dept. Zoology, Ohio State Univ., Columbus, OH, James N. Layne and Fred E. Lohrer, Archbold Biol. Sta., Lake Placid, FL. "Trends in the numbers of Loggerhead Shrikes in peninsular Florida, 1974-1989."

Rebecca B. Smith and David R. Breininger, The Bionetics Corp., Kennedy Space Center, FL. "Feeding habitat use by wading birds on Kennedy Space Center."

Courtney J. Conway, Dept. Nat. Resource Sci., Univ. Rhode Island, Kingston, RI, and Thomas E. Martin, Arkansas Coop. Fish and Wild. Res. Unit., Univ. Arkansas, Fayetteville, AR. "Habitat suitability for Williamson's Sapsuckers in mixed-conifer forests."

William R. Eddleman and Ronald E. Flores, Dept. Nat. Resource Sci., Univ. Rhode Island, Kingston, RI. "Habitat use by the California Black Rail in southwestern Arizona."

Kenneth D. Meyer and Steven M. McGhee, Dept. Wildl. & Range Sci., Univ. Florida, Gainesville, FL. "GIS and radio-tracking analysis of nesting and foraging habitat selection by American Swallow-tailed Kites in Florida."

Charles E. Yohn, Grad. Prog. Ecology, Penn. State Univ., University Park, PA. "The effect of size and shape of forest clearcut stands on breeding bird communities in a northern hardwood forest."

D. E. Evered and L. R. Messick, Dept. Biol. Sci., Florida State Univ., Tallahassee, FL. "Climate and the Kirtland's Warbler (*Dendroica kirtlandii*)."

Robert E. Bennetts, Dept. Fish. & Wildl. Biol., Colorado State Univ., Ft. Collins, CO. "Associations among dwarf mistletoe, snags, and cavity-nesting birds in ponderosa pine stands in Colorado."

T. Scott Sillett, Mus. Nat. Sci., Louisiana St. Univ., Baton Rouge, LA. "Bird use of epiphytes in the montane rainforests of Costa Rica."

George L. Weymouth, Florida Dept. Nat. Resources, Tallahassee, FL. "Comparison of waterbird abundance and activity on two exotic plant species."

David S. Lee, North Carolina State Mus., Raleigh, NC. "Manx Shearwaters off the southeastern U.S. coast."

J. D. Rising, Dept. Zoology, Univ. Toronto, Toronto, ON. "Geographic variation in size of Savannah Sparrows (*Passerculus sandwichensis*)."

Jon Barlow and Anthony Lang, Dept. Ornithol., Royal Ont. Mus., Toronto, ON. "Range extension of the Eurasian Tree Sparrow and the first hybrid Eurasian Tree × House Sparrow in North America."

Nedra K. Klein, Robert B. Payne, and Laura L. Payne, Mus. Zool., Univ. Michigan, Ann Arbor, MI. "A molecular perspective on speciation in the brood parasitic *Vidua* finches."

Richard C. Banks, Biol. Surv., U.S. Fish & Wildlife Service, Washington, DC. "The correct generic name for the Crested Caracara(s)."

Richard R. Schaefer, Richard N. Conner, and D. Craig Rudolph, S. Forestry Exper. Sta.,

- Nacogdoches, TX. "Provisioning of nestlings and fledging success of Red-cockaded Woodpeckers in relation to habitat."
- C. K. Miller, R. L. Knight, and L. C. McEwen, Dept. Fish and Wildl., Colorado St. Univ., Ft. Collins, CO. "Savannah Sparrow (*Passerculus sandwichensis*) responses to biennial changes in prey abundance, Delta Junction, Alaska."
- Jeff P. Smith, Dept. Wildl. and Range Sci., and Marilyn G. Spalding, Dept. of Infect. Diseases, Univ. Florida, Gainesville, FL. "Growth and survival of nestling Great Egrets infected by the nematode *Eustrongylides ignotus*."
- Reed Bowman, Dept. Biology, Univ. South Florida, Tampa, FL. "Influence of hatching asynchrony on reproductive patterns in the White-crowned Pigeon."
- Daniel R. Kozlovic, Dept. Zoology, Univ. Toronto, Toronto, ON. "Selection for host avoidance in the Brown-headed Cowbird (*Molothrus ater*)."
- David L. Leonard, Dept. Biology, Univ. Central Florida, Orlando, FL. "Monthly variation in Loggerhead Shrike caches in central Florida."
- Barnaby N. Marsh, IV, Harvard Univ., Cambridge, MA. "Competition between Black Vultures and Turkey Vultures: a factor influencing mixed roosts?"
- Andrew W. Kratter, Mus. Nat. Sci., Louisiana St. Univ., Baton Rouge, LA. "Geographic variation in *Cacicus holosericeus*, a partial bamboo specialist."
- Anthony L. Lang, Dept. Zoology, Univ. Toronto, Toronto, ON. "Mechanisms of cultural evolution in song pools in a unidirectionally expanding population of the Eurasian Tree Sparrow."
- Petra Bohall-Wood, Dept. Wildl. & Range Sci., Univ. Florida, Gainesville, FL. "Post-fledging ecology and survival of fledgling Bald Eagles."
- John A. Smallwood, Dept. Wildl. & Range Sci., Univ. Florida, Gainesville, FL, and Michael W. Collopy, Pacific Forest and Rangeland Sys. Coop. Res. Unit, Forest Sci. Lab., Corvallis, OR. "American Kestrels breeding in two habitats in Florida: differential responses to a large increase in nest site availability."
- Timothy Brush, Dept. Biology, Univ. Texas-Pan American, Edinburg, TX. "Responses of House Wrens and Prothonotary Warblers to nest boxes in a flooded riparian forest in Iowa."
- Brian K. Mealey, Falcon Batchelor Bird of Prey Center, Miami Mus. Sci., Miami, FL, and George Dalrymple, Florida Internat. Univ., Miami, FL. "Reproductive ecology of the Burrowing Owl, *Athene cunicularia floridana*, in Dade and Broward counties, Florida."
- Peter C. Frederick, Robin Bjork, G. Thomas Bancroft, and George Powell, National Audubon Soc., Tavernier, FL. "Consequences of coastal locations on reproduction of day-herons in southern Florida."
- Wayne Norling, Center for Wetland Resources, Louisiana St. Univ., Baton Rouge, LA, and James Allen, U.S. Fish & Wildl. Ser., Lafayette, LA. "Nest site characteristics of American Swallow-tailed Kites in Louisiana and Mississippi."
- Ralph D. Morris, Dept. Biol. Sci., Brook Univ., St. Catherine's, ON, and John W. Chardine, Canadian Wildl. Serv., St. John's, Newfoundland. "Recent trends in breeding and survival of Brown Noddies nesting near Culebra, Puerto Rico."
- Charles R. Blem and Leann B. Blem, Dept. Biology, Virginia Commonwealth Univ., Richmond, VA. "Composition and microclimate of Prothonotary Warbler nests."
- Michael Stoskopf, College Vet. Medicine, North Carolina State Univ., Raleigh, NC, and Lynn A. Mahaffy, Dept. Nat. Resources, Cornell Univ., Ithaca, NY. "Some effects of disturbance upon the growth rates of Common Puffin (*Fratercula arctica*) chicks."
- Curtis S. Adkisson, Dept. Biology, VPI & SU, Blacksburg, VA. "Partitioning of the cavity resources in a Colorado aspen forest."
- Lawrence H. Walkinshaw, Lake Wales, FL. "Nesting records of the Florida Sandhill Crane."

- J. Edward Gates, Appalachian Environ. Lab., Frostburg, MD. "Patterns of breeding bird assemblages on altered forest landscapes in the central Appalachians."
- John W. Fitzpatrick, Glen E. Woolfenden, and Robert L. Curry, Archbold Biol. Sta., Lake Placid, FL. "Recent burns as shifting resources in the landscape ecology of Florida Scrub Jays."
- R. Todd Engstrom, Tall Timbers Res. Sta., Tallahassee, FL, and Frances C. James, Dept. Biol. Sci., Florida State Univ., Tallahassee, FL. "Fire ecology and birds in longleaf pine ecosystems."
- Richard L. Hutto, Dept. Biol. Sci., Univ. Montana, Missoula, MT. "The uniqueness of early post-fire bird communities in Rocky Mountain coniferous forests."
- John L. Zimmerman, Div. Biology, Kansas State Univ., Manhattan, KS. "Tallgrass prairie birds and the red buffalo."
- Michele E. Hannon and Robert L. Curry, Dept. Biology, Villanova Univ., Villanova, PA. "Why is unburned habitat suboptimal for Florida Scrub Jays?"
- Scott R. Klinger, USDA Forest Service, Atlanta, GA, Ronald E. F. Escano, USDA Forest Service, Asheville, NC, Dawn E. Carrie, USDA Forest Service, Cleveland, TX, and Gilbert Zepeda, USDA Forest Service, Rio Piedras, PR. "The Sister Forest Program: a partnership to conserve neotropical migratory birds."
- Jerome A. Jackson, Dept. Biology, Mississippi State Univ., Mississippi State, MS. "Plumages and molt of the Red-cockaded Woodpecker."
- Deborah K. Jansen and Kenneth D. Meyer, Big Cypress Natl. Preserve, NPS, Ochopee, FL. "Radio-tracking study to assess a decline in Red-cockaded Woodpeckers."
- Danny J. Ingold, Dept. Biology, Muskingum College, New Concord, OH, and Robin J. Densmore, New Concord, OH. "Influences of starling harassment for nest sites on three woodpecker species."
- Jack P. Hailman, Univ. Wisconsin, Madison, WI, Kevin J. McGowan, Cornell Univ., Ithaca, NY, and Glen E. Woolfenden, Univ. S. Florida, Tampa, FL. "The role of helpers in the sentinel behavior of Florida Scrub Jays."
- Kelly J. Goocher, Univ. Florida, Gainesville, FL, Michael Avery, USDA-Aphis, Denver Wildl. Research Sta., Gainesville, FL, and Marsha A. Cone, Univ. Florida, Gainesville, FL. "Berry size selection and blueberry crop damage by Cedar Waxwings."
- D. Craig Rudolph, Richard N. Conner, and Richard R. Schaefer, S. Forest Exper. Sta., Nacogdoches, TX. "Foraging behavior of post-fledging Red-cockaded Woodpeckers."
- Richard N. Conner and D. Craig Rudolph, S. Forest Exper. Sta., Nacogdoches, TX. "Possible stabilization of a small declining Red-cockaded Woodpecker population in Texas."
- Daniel Saenz, Richard N. Conner, and D. Craig Rudolph, S. Forest Exper. Sta., Nacogdoches, TX. "Some methods for measuring habitat loss and fragmentation for Red-cockaded Woodpeckers in southern national forests."
- Shirley J. Burgdorf, D. Craig Rudolph, Richard N. Conner, and Richard R. Schaefer, S. Forest Exper. Sta., Nacogdoches, TX. "Composition of mixed species foraging flocks associated with Red-cockaded Woodpeckers."
- Joseph R. Jehl, Hubbs-Sea World Res. Institute, San Diego, CA. "The night the birds fell: the physiology of a wreck of Eared Grebes."
- Dennis L. Krusac, USDA Forest Service, Atlanta, GA, Ronald E. F. Escano, USDA Forest Service, Asheville, NC, Joseph M. Dabney, and John J. Petrick, USDA Forest Service, Atlanta, GA. "Proposed ecosystem management for recovering the Red-cockaded Woodpecker on southern national forests."
- Eduardo E. Inigo-Elias, Dept. Wildl. & Range Sci., Univ. Florida, Gainesville, FL, and Michael W. Collopy, Pacific Forest and Rangeland Sys. Coop. Res. Unit, Forest Sci. Lab., Corvallis, OR. "Community structure and ecological correlates of forest fragmen-

tation and habitat alterations on a tropical raptor assemblage in the Selva Lacandona region of Chiapas, Mexico."

Frances C. James, Dept. Biol. Sci., Florida State Univ., Tallahassee, FL, and David A. Wiedenfeld, Mus. Nat. Sci., Louisiana State Univ., Baton Rouge, LA. "Hotspots of decline in a landscape of generally increasing populations of North American Birds."

David Klem, Jr., David C. Keck, Karl L. Marty, Amy J. Miller, and Cory T. Platt, Dept. Biol., Muhlenberg College, Allentown, PA. "Preventing avian mortality at windows by angling glass and feeder placement."

Margaret C. Brittingham and Jeffrey P. Hoover, School Forest Resources, Pennsylvania State Univ., University Park, PA. "Regional variation in cowbird parasitism of Wood Thrush."

David L. Fischer, Agric. Div., Miles Inc., Stillwell, KS, and Louis B. Best, Dept. Animal Ecol., Iowa State Univ., Ames, IA. "Field measurement of avian exposure to pesticide granules."

M. Victoria McDonald, Dept. Biology, Univ. Central Arkansas, Conway, AR. "New technological advances in bird song analysis."

Richard L. West, Tallahassee, FL, and Gene K. Hess, Delaware Mus. Nat. History, Wilmington, DE. "Trends in the populations of birds in eastern United States in winter."

James Cox, Florida Game and Fresh Water Fish Comm., Tallahassee, FL. "Effects of land-cover composition on breeding bird surveys in Florida."

Douglas A. James, Dept. Biol. Sci. and Barbara A. Raulston, Arkansas Coop. Fish and Wildl. Res. Unit, Univ. Arkansas, Fayetteville, AR. "Do cavity restrictors affect bill length in Red-cockaded Woodpeckers?"

James A. Sedgwick, Natl. Ecol. Res. Ctr., Fort Collins, CO. "Leg injury to Willow Flycatchers as a consequence of color banding."

#### POSTERS

Satu Pernanen, Dept. Zool., Univ. Toronto and Jon Barlow, Ornithol. Dept., Royal Ontario Mus., Toronto, ON. "Nest-site characteristics of sympatric Brewer's Sparrows and Clay-colored Sparrows."

David R. Breininger, Vickie L. Larson, Brean Duncan, Rebecca B. Smith, and Donald M. Oddy, Bionetics Corp, Kennedy Space Ctr., FL. "Habitat and territory attributes of the Florida Scrub Jay in a coastal pine flatwoods using a Geographic Information System (GIS)."

Mary C. Crowe, Louis B. Best, James P. Gionfriddo, Dept. Animal Ecol., Iowa State Univ., Ames, IA, and David L. Fischer, Agr. Div. Miles Inc., Stillwell, KS. "Avian nest-site selection and nesting success in two Florida citrus groves."

#### ATTENDANCE

ALABAMA: *Birmingham*, Thomas A. Imhof.

ARKANSAS: *Conway*, M. Victoria McDonald; *Fayetteville*, Douglas A. James, Barbara Raulston.

CALIFORNIA: *San Diego*, Joseph R. Jehl.

COLORADO: *Fort Collins*, Clait E. Braun, Clinton K. Miller, Jim Sedgwick; *Longmont*, John W. Prather.

DISTRICT OF COLUMBIA: Chuck Banks, Richard C. Banks, Roger B. Clapp.

FLORIDA: *Altamonte Springs*, Greg Bretz; *Archer*, Marilyn G. Spalding; *Bartow*, Mae Hartsaw; *Boca Raton*, Sheila A. Mahoney; *Cocoa*, David Simpson; *Fort Pierce*, Jane Brooks; *Gainesville*, Alfredo J. Begazo, Christine Champe, Peter C. Frederick, Kelly J.

- Goocher, John W. Hardy, Eduardo Iñigo-Elias, Diana Matthiesen, Steven M. McGehee, Ken Meyer, Karl Miller, Joan L. Morrison, James A. Rodgers, John A. Smallwood, Jeff P. Smith, Ruthe Smith, Dan Wenny, Petra Bohall-Wood; *Hobe Sound*, Peter G. Merritt, Victoria L. Merritt; *Hollywood*, Jocie Baker; *Homestead*, John Curnutt, William B. Robertson, Jr., P. William Smith, Susan A. Smith; *Jacksonville*, Mary Davidson, Cheryl Evans, Cherie Irby, Peggy Powell; *Kennedy Space Center*, David Breininger, Ron Schaub, Rebecca B. Smith; *Key West*, Joseph A. Ondrejko; *Lake City*, Cynthia Thompson; *Lakeland*, Bobbie Kittleson; *Lake Placid*, Reed Bowman, John W. Fitzpatrick, Fred E. Lohrer, Bill Pranty, Reuven Yosef; *Lake Wales*, Skip Huxtable, Diane Pierce, Clara Walkinshaw, Larry Walkinshaw; *Lehigh Acres*, Ben Kiff, Maxine Kiff; *Melbourne*, Jim Angy, Bob Brown, Edward Slaney, Marie Slaney, Tami Townsend; *Miami*, Brian Mealey; *Moore Haven*, Ursula Feller, June McCallum; *Ocala*, Julie Hovis; *Ochopee*, Rob Bennetts, Deborah Jansen; *Okeechobee*, Scott Hedges; *Orlando*, Herbert W. Kale II, David Leonard, Becky Payne, Christine R. Rucker, Eric Stolen, Walter K. Taylor; *Ormond Beach*, Daniel Ambrose; *Pembroke Pines*, Tim Towles; *Port Charlotte*, Malcolm M. Simons, Jr.; *Quincy*, Doug Runde; *St. Augustine*, Ann Pearrow, Thomas N. Pearrow; *St. Cloud*, Marty Folk; *St. Petersburg*, David Goodwin, Lee Snyder; *South Pasadena*, Neal Adamson; *Tallahassee*, W. Wilson Baker, Jim Cox, R. Todd Engstrom, Duncan S. Evered, Frances James, Lyla R. Messick, Katy Nesmith, Rick West, George Weymouth; *Tampa*, Eva Bailey, Martha Mandlow, Samuel Mandlow, Richard T. Paul, Tony Steffer, Keith Tarvin, David K. Voights; *Tavernier*, Thomas Bancroft, Robin Bjork; *Venus*, Glen E. Woolfenden, Janet Woolfenden; *West Palm Beach*, Elwood D. Bracey, Yvonne Hughes, Cynthia Plockelman; *Winter Haven*, Buck Cooper, Linda Cooper, Helen Eastman, Tom Palmer; *Winter Park*, Bruce H. Anderson, Wes Biggs, B. B. Biggs, Parks Small, Eugene Stoccardo.
- GEORGIA: *Acworth*, Dennis Krusac; *Atlanta*, Scott Klinger; *Decatur*, Willa Hendrickson, Lynn A. Mahaffy, Alexandra Wack; *Kennesaw*, Malcolm F. Hodges, Jr.
- INDIANA: *Hanover*, J. Dan Webster; *Notre Dame*, Doris A. Watt.
- KANSAS: *Lawrence*, Marian A. Jenkinson; *Manhattan*, John L. Zimmerman.
- LOUISIANA: *Baton Rouge*, R. Terry Chessser, Andy Kratter, Wayne Norling, Scott Sillett; *Metairie*, Cecil C. Kersting; *Shreveport*, James L. Ingold.
- MARYLAND: *Frederick*, John R. Haugh; *Frostburg*, J. Edward Gates; *Laurel*, R. Michael Erwin; *St. Mary's City*, Ernest J. Willoughby.
- MASSACHUSETTS: *Cambridge*, Barnaby N. Marsh IV; *Foxboro*, William T. Davis; *Norton*, John C. Kricher.
- MICHIGAN: *Ann Arbor*, Janet Hinshaw, Nedra Klein.
- MISSISSIPPI: *Hattiesburg*, Mark S. Woodrey; *Mississippi State*, Jerome A. Jackson; *West Point*, Bette J. S. Jackson.
- MISSOURI: *Willow Springs*, Robert Cheney.
- MONTANA: *Missoula*, Mary C. Crowe, Richard Hutto, Donald Jenni.
- NEW JERSEY: *Princeton*, Mary Doscher; *Olathe*, David L. Fischer.
- NEW YORK: *Ithaca*, Charles R. Smith; *Utica*, Judy McIntyre.
- NORTH CAROLINA: *Raleigh*, John A. Gerwin, David Lee.
- OHIO: *Burton*, Robert McCullough; *Gambier*, Robert D. Burns; *New Concord*, Danny J. Ingold.
- OKLAHOMA: *Lawton*, Jack D. Tyler.
- PENNSYLVANIA: *Allentown*, David C. Keck, Daniel Klem, Jr., French A. Lewis III, Cory T. Platt; *Kempton*, Keith L. Bildstein; *Philadelphia*, Frank Gill; *Pittsburg*, D. Scott Wood; *University Park*, Margaret Brittingham, Chuck Yohn; *Villanova*, Bob Curry.
- RHODE ISLAND: *Kingston*, Courtney J. Conway, William R. Eddleman.

TEXAS: *Edinburg*, Tim Brush; *Nacogdoches*, Shirley Burgdorf, Dick Conner, D. Craig Rudolph, Daniel Saenz, Rick Schaefer.

VIRGINIA: *Blacksburg*, Cutis S. Adkisson, Alice K. Nair, Christian d'Orgeix, David C. Tomblin; *Richmond*, C. R. Blem, Leann Blem.

WEST VIRGINIA: *Morgantown*, George A. Hall.

WYOMING: *Laramie*, Deborah M. Finch.

ONTARIO: *St. Catharines*, Ralph D. Morris; *Toronto*, Jon C. Barlow, Alvaro Jaramillo, Dan Kozlovic, Anthony Lang, Margaret L. May, Satu Pernanen, Jim Rising.

#### ANNOUNCEMENTS

THIRD INTERNATIONAL CONFERENCE, THE EFFECTS OF OIL ON WILDLIFE. January 27-29, 1993. New Orleans, Louisiana. This multi-disciplinary meeting will serve industry, government, veterinarians, researchers and rehabilitators, and will focus on contingency planning, wildlife response and research. Presented by: Tri-State Bird Rescue and Research, Inc. Through a grant from: Clean Gulf Associates. For more information contact:

Eileen Muller or Joyce Ponsell  
Tri-State Bird Rescue and Research, Inc.  
110 Possum Hollow Road  
Newark, DE 19711  
(302) 737-9543

#### CALL FOR PAPERS

The U.S. Fish and Wildlife Service is sponsoring a symposium of the ecology, restoration, and management of prairie wetlands, August 9-13, 1993. The symposium will be hosted by Northern Prairie Wildlife Research Center in Jamestown, North Dakota. The symposium will feature 2½ days of technical sessions, an evening poster session, and an afternoon of field demonstrations. Optional field trips of prairie habitats, fauna, and management activities will be available 9-10 August for interested individuals. Abstracts of accepted papers will be printed and distributed at the symposium. There will be no published proceedings. Completed titles forms for papers or posters should be mailed to arrive by 1 Jan. 1993 and authors will be notified of acceptance by 1 Feb. 1993. Those interested in submitting paper/poster titles or attending the symposium should contact: Dr. Ned H. Euliss, Jr., U.S. Fish and Wildlife Service, Northern Prairie Wildlife Research Center, Route 1, Box 96C, Jamestown, North Dakota 58401-9736. 701/252-5363.